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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/639,960 | 08/16/2000 | Ligy Kurian | COMP:0080 | 6120 |

7590 03/12/2004

INTELLECTUAL PROPERTY ADMINISTRATION
LEGAL DEPT., M/S 35
PO BOX 272400
FT. COLLINS, CO 80527-2400

EXAMINER

NORRIS, TREMAYNE M

| ART UNIT | PAPER NUMBER |
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2137

DATE MAILED: 03/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/639,960

Applicant(s)

KURIAN ET AL.

Examiner

Tremayne M. Norris

Art Unit

2137

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 August 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 August 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 11 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 11 recites the limitation "the enclosure" in the second line of claim 11. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-30 (11 as best understood) rejected under 35 U.S.C. 102(e) as being anticipated by Madsen et al.

Regarding claim 1, Madsen et al teach an electronic system, comprising:

a plurality of separate devices, wherein at least one device has a first electrical connector externally exposed (col.3 lines 48-56; col.4 lines 1-7; col.8 lines 60-62);

a wireless communication system for communicating information between the plurality of separate devices, the wireless communication system including (co.3 lines 48-56):

a dongle, the dongle having an antenna for transmitting and receiving information and a second electrical connector for selective mating engagement with the first electrical connector (col.3 lines 57-67; col.4 lines 28-37).

Regarding claim 2, Madsen et al teach the system as recited in claim 1, further comprising: a transmitter electrically coupled to the antenna (col.1 lines 11-35; col.4 lines 28-37; col.4 lines 42-44; col.9 lines 20-21).

Regarding claim 3, Madsen et al teach the system as recited in claim 2, wherein the transmitter is disposed within the dongle (col.4 lines 42-44).

Regarding claim 4, Madsen et al teach, the system as recited in claim 1, further comprising a receiver electrically coupled to the antenna (col.4 lines 28-37; col.4 lines 42-44).

Regarding claim 5, Madsen et al teach the system as recited in claim 4, wherein the receiver is disposed within the dongle (col.4 lines 42-44).

Regarding claim 6, Madsen et al teach the system as recited in claim 1, wherein the communication system utilizes a wireless communication standard (col.11 lines 30-34).

Regarding claim 7, Madsen et al teach the system as recited in claim 6, wherein the wireless communication standard is the bluetooth wireless communication standard. (col.11 lines 30-34).

Regarding claim 8, Madsen et al teach the system as recited in claim 7, further comprising: an integrated circuit, the integrated circuit being a transceiver electrically coupled to the antenna (col.4 lines 42-44).

Regarding claim 9, Madsen et al teach the system as recited in claim 8, wherein the integrated circuit is disposed within the dongle (col.4 lines 42-44).

Regarding claim 10, Madsen et al teach the system as recited in claim 9, wherein the first and second electrical connectors are uniform serial bus connectors (col.9 lines 20-30).

Regarding claim 11, Madsen et al teach the system as recited in claim 8, wherein the integrated circuit is disposed within the enclosure and electrically coupled to the antenna in the dongle (col.4 lines 42-44; col.9 lines 65-67).

Regarding claim 12, Madsen et al teach a wireless communication system for a computer, comprising:

a dongle, the dongle having an electrical connector and an antenna, the electrical connector being configured for connection to an external port of a computer (col.3 line 57 thru col.4 line 7; col.4 lines 28-37; and

a transceiver electrically coupled to a central processor and to the dongle (col.4 lines 42-44 (col.4 lines 42-44)).

Regarding claim 13, Madsen et al teach the system as recited in claim 12, wherein the transceiver is a integrated circuit utilizing bluetooth technology (col.11 lines 30-34).

Regarding claim 14, Madsen et al teach the system as recited in claim 13, wherein the integrated circuit is disposed within the dongle (col.4 lines 42-44).

Regarding claim 15, Madsen et al teach the system as recited in claim 14, the dongle having a protective cover extending over the antenna and integrated circuit (col.9 lines 65-67; col.11 line 58 thru col.12 line 10).

Regarding claim 16, Madsen et al teach the system as recited in claim 12, wherein the electrical connector is a uniform serial bus connector (col.9 lines 28-30).

Regarding claim 17, Madsen et al teach the system as recited in claim 16, wherein a first dongle is coupled to a central unit and a second dongle is coupled to a peripheral device (col.3 line 39 thru col.4 line 7; col.8 lines 8-11; col.9 lines 20-21).

Regarding claim 18, Madsen et al teach the system as recited in claim 17, wherein the peripheral device is a printer (col.4 lines 1-7).

Regarding claim 19, Madsen et al teach a method of communicating information wirelessly between components of a computer system, comprising:

coupling a first communication dongle having an antenna to a first component of a computer system;

transmitting and receiving information to other computer system components via the antenna (col.4 lines 28-46).

Regarding claim 20, Madsen et al teach the method as recited in claim 19, further comprising:

coupling a second communication dongle to a second component of a computer system, the second communication dongle having an antenna to receive information (col.4 lines 28-46; col.9 lines 14-21; col.10 lines 11-16).

Regarding claim 21, Madsen et al teach the method as recited in claim 19,
further comprising:

disposing a transceiver in the first communication dongle (col.4 lines 42-44).

Regarding claim 22, Madsen et al teach the method as recited in claim 21,
further comprising:

disposing a transceiver in the second communication dongle (col.4 lines 42-44;
col.9 lines 14-21; col.10 lines 11-16).

Regarding claim 23, Madsen et al teach the method as recited in claim 19,
further comprising:

configuring the first and the second communication dongles to transmit and
receive information according to a wireless communication standard (col.11 lines 31-
34).

Regarding claim 24, Madsen et al teach the method as recited in claim 23,
wherein the communication dongles use bluetooth technology (col.11 lines 31-34).

Claims 26-30 are rejected because of similar rationale outlined above.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tremayne M. Norris whose telephone number is (703) 305-8045. The examiner can normally be reached on M-F 7:30AM-5:00PM alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Morse can be reached on (703) 305-4789. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tremayne Norris

March 1, 2004


GREGORY MORSE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100